

Collection No. 149

K. H. L. Key

28. x -- 11. xi. 1967

Northern N. S. W.

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28.x. - 11.xi. 1967

28/10. Grenfell to Forbes

24049. Self-mulching grey-brown soil on
Brachyocarpa loliifolia (j.)
flat plain with *Stipa aristiglumis* &
other grasses to 18 in. along road. Two
 spp. small shrubby composites to 1 ft.
No morabines.

086. Parkes.

29/10

24096 Leave Parkes.

101. Stony rise with *E. albens* to 3 ft.,
Brachyocarpa loliifolia, *Austrocyathus cruciata*
scattered *Acacia* to 5 ft & *Stipa* - *Danthonia*
to 6 in.

108. Turned off to radio telescope.

118. Bearganah, on Parkes-Baldry road.

128. Currambenya Ra. *E. blakeleyi*, *E.*
Sonchella australasica, *Cirphis pyrrhocentris*,
cleophora (old application) & *C. calcarata*
Pycnostichus serotinus
on rocky slope with dense shrub layer
of *Hibbertia* & *Thryptomena* to 2 ft & *Acacia*
sp. occ. to 6 ft.

138. Baldry

244/3 Northern tip of Cookamobil Ra. E. dealbata
Brachysaema latipennis, *Cirphula pyrocinensis*,
 ✓ *E. sideroxylon* & *C. calcarata* to 20ft, w
Senecio nov. 95 ochracea
Casuarina sp. to 10ft, dense shrubs to
 2ft, occ. *Canthorhiza*, occ. dry ferns
 to 6in. Stony slope.

153. *E. microcarpa* to 50ft & *C. huegelii* to
Goniaca australasiae, *Cryptobothrus schryphorum*,
 30ft on gently undulating brown soil.
Froggattia australis, *Coryphistes ruscicola*, *Pardillana* sp. (f.)
 Scattered *Kochia microphylla* to 1ft &
 grass.

159. *Trewilga*

164 Peak Hill

175 Tomingley.

186 *E. dealbata* to 30ft, *E. calcarata* to 25ft,
Moraba sp. P43/46
E. uindis to 15ft on granitic outcrop.
 Microphyllous shrubs to 6ft, dry fern to
 6in in places.

197. Cleared from *E. dealbata* & *E. sideroxylon*
Brachysaema latipennis, *Moraba* sp. P43/46
 to 30ft. w. *C. calcarata* to 25ft. *Acacia* sp.
 to 8ft, a myrtaceous shrub to 3ft,
Aristida sp. to 1ft on gently undulating
 granitic soil. Occ. dry fern. Frogg.

209 Dubbo.

30/10

24215 Dubbo223 Turned off to Mendooran

226. *E. microcarpa* to 40ft, w scattered
Pycnostictus sp. 1, *P. seriatus*, *Toggattina australis*,
Bassia birchii, *B. sp.* & *Kochia microphylla*
Epallia sp., *Brachyrantha lobipennis*, *Austrocyathus cruciata*,
 to 1ft, occ. *Stipa aristiglumis* to 2ft, *Stipa*
Cryptobothrus chrysophorus,
falcata + *Hordeum liporum* to 6" on

gently undulating red-brown earth. Consider
 bare ground. Chor., Qed (j)

? *huegelii* ~~*calcarata*~~

229. *Callitris huegelii* regrowth, open, to 15ft,
Heteropternis obscurella, *Urtica* sp., *V. guttulosa*, *Apotropis*
 w. occ. *E. dealbata* on low brown sandy
tricarinata, *Cirphula pyrrhocnemis*, *Genus* nov. 95 *ochracea*,
 rise bearing dense growth of microphyllous
Brachyrantha lobipennis, *Moraba* Keyi
 shrubs to 18in., incl. *Hebe* sp. & *Pimelea*
 sp., w. *Aristida* sp. & *Thryptomena* sp.

230. Junction with road from Brocklehurst.
Goniaca australasica, *G. opomaloides*, *Apotropis*

237. *E. crebra* to 60ft, *C. calcarata* to 25ft,
tricarinata, *Casuarina* sp., *Moraba* Keyi, *Genus*
 w. *Thryptomena* sp. & other microphyllous
 nov. 95 *ochracea*, *Keya* sp., *marceola*, *Adreppus* sp. (j),
 shrubs to 3ft, much litter. Undulating.
Cirphula pyrrhocnemis

238 Road junction.

248. Gently undulating, brown soil.

E. crebra to 30ft w *C. calcarata* to 30ft,
Goniaca opomaloides, *Cirphula pyrrhocnemis*,
 occ. mallee-form *dealbata* (?). Dense
Apotropis tricarinata, *Urtica* sp.

Thryptomene sp. to 18 in + occ. other
microphyllous shrubs + euc regrowth.
Consid. litter.

24261 Mendooran

262 Mendooran deposit

275. Undulating, with brown soil. *E.*
mulleriana + *E. bleakelyi* to 40 ft. with
Stipa verticillata ^{to 3 ft} + *S. falcata* to 9 in, *Echium*
plantaginifolium to 6 in + hoarhound, much
bare ground. *Pycnostictus senatus*,
Ded (j.), *Phaul. vittatum* (j.), *Brachyscama*
(j.), Frogg.

283. Cleared from *E. crebra* to 50 ft + fenced
Epipurga crassa, *Apotropis tricarinata*, *Maeropholia* sp. (j.),
against stock for many years. Scattered
Brachyscama lodipennis, *Heliopternis obscurus*,
microphyllous shrubs to 2 ft, yellow lagger
^{genus nov. g. ochracea}
flowered *Heliopternis* to 2 ft, *H. apiculatum*
in occ. patches; patches *Themeda*
australis, much *Aristida* sp. *Pycnostictus*
senatus.

298. Slope with pale coarse sandy soil
Epallia sp., *Apotropis tricarinata*
bearing *Angophora intermedia*, *Callitris*
calcarata + occ. *E. dealbata* to 25 ft.

Aristida sp. to 1ft, occ. patches *Themeda australis* to 18in, occ. forbs.

24308. Coonabarabran

31/10.

312. Coonabarabran depart for Timor Rock.

319. Castlereagh R. 2. Steep, rocky, sandstone
Apotropistricarinata, *Senecio* no. 95 ochracea, *Utricularia* sp.
slope & adjacent flat. *E. rossii*, *E.*

bridgesiana, *Argophora intermedia*, occ.
E. blakeleyi to 6ft. w *Callitriche calcarata*
to 2.5ft, mixed shrubs to 3ft, *Aristida* sp.
to 1ft, occ. *Themeda australis* to 18in,
Imperata to 1ft, barren on flat. *Pyrene*
seriatus, *Phaul. villo* (j).

321 Timor Rock. Turned off to Timor Dam

322. Timor Dam. *E. crebra*, *E. dealbata*, *C.*
soniaca australasica, *Cryptobolus chrysophorus*,
Calcarata all to 3ft. on steep rocky
sandstone slope w scattered *Cassinia*
& *Olearia* to 4ft & tussock grasses, incl.
some *Themeda australis*, to 18in. Bare
ground & litter.

323. Timor Rock.

330. Turned off to Siding Springs Mtn.
observatory.

6. (summit)

24333. Siding Spring Mtn. 3800 ft. Stringybarks
Monistria discrepans, Rhysofictus viratus,
to 30 ft. with C. calcareata to 25 ft, Xanthorrhoea
sonnata carinata, G. auctalasiae, Cirphula pyrrhocnemis,
occ. to 8 ft, numerous shrubs, incl.
Genus nov. 95 ochracea, Austroicetes interiegria,
Prostanthera sp. Thryptomena, Melaleuca.
Coryphistes muricola, Kyacris marcida, Moraba Kyi
Dodonaea to 3 ft, much exposure of
sandstone, miscellaneous forbs. Pycno
seriatus, Apotrophia bicarinata, Chort,
Phaul. vitt (f.)

336. Back on main road.

343 Entrance to Warrumbungle National
Park

345. Ranger's Cottage & Canyon Camp. Return

346. Turned off to Camp Pincham
Sonata carinata, Kyacris marcida

347. Camp Pincham. Walked $\frac{1}{2}$ mile.

1/11

24373. Coonabarabran depart.

397 Canyon Camp.

399. Exit from Park. Sheep rocky knoll with
Sonata carinata, Apotrophia bicarinata, glauca
E. crebra to 40 ft, C. huegelii to 30 ft, aphyllode
Cirphula pyrrhocnemis, Coryphistes muricola,
wattle to 25 ft, Alstonia conferta to 25 ft, &
Praxilobus ^{actus}, Genus nov. 95 ochracea, Moraba Kyi.
scattered Acacia & Dodonaea to 5 ft., patches
microphyllous shrubs to 1 ft, much dry

fern, *Aristida* sp. to 1ft, bare ground.
 Frogg. on adjacent flat.

24405. Gammium Gammium

408. Self-mulching chocolate soil in slight
Spaltia sp, *Austroicetes pusilla*, *A. interioris*
 depression, w. *Heterodendron* & *Ventilago*
vinimalis to 15ft. *Bassia quinqueangula*,
 completely dry remain. of *Kordecum*
leporinum to 3in, bare ground. Chort, Heteropt.
 Also a little further on with *Acacia*
pendula to 15ft, otherwise same.

422 Tooraweenah.

425 Joines Oscey Highway.

435. Hilly, rock exposures, brown soil.
Gonolobus australis, *Austroicetes frater*
E. melliodora, & *E. blakei*, occ. *E. bridgesiana*,
 with scattered *Cassinia* sp. to 3ft &
Hibbertia sp. to 1ft, *Stipa*? *variabilis*.

Heteropt., *Azelota ochracea*, Frogg.

436 Turned off to TV station.

445 Back on highway

459. Turned off to Tarnabai.

469. Turn round.

471. *Angophora intermedius*, *E. crebra*, &c

Genus nov. 95 ochracea, *Ciphus la. pyrochomensis*, *Macrotona*
 stringybark on stony slope with dense
modesta, *Goniaca* sp., *Moraba* ^{Kyri}, *Proscutellus* ^{actus}
 microphyllous shrubs to 2ft incl. *Hibbertia*,
Excama includens (f.)
Helichrysum apiculatum to 6in, *Aristida*
 to 1ft. Apotropis, Heteropt., Brachypt., Oed. (f.)

24479 Rejoined highway

2/11

491. Coonabarabran depart.

493 Stringybark, apple & *E. rossi* on pale
Goniaca australasicae
 sandy soil with scattered shrubs &
Themeda, occ. *Xanthorrhoea* & acads.

510 Undulating pale sand with *E. blakelyi*,
Psychotrius laciniatus
Angophora intermedia to 40ft, *C. huegelii*
 to 30ft, microphyllous shrubs incl.
Leptospermum & *Hibbertia* to 3ft, occ.
Xanthorrhoea, *Aristida* to 18in. Ciph.,

Crypto.

522 Hardy's Creek.

524 Undulating pale brown sand with
Psychotrius sinatus
 a stringybark & a luc. like a redgum but
 with lower ^{rough (silver box?)} flakey bark, & *Angophora*
intermedia to 40ft. with misc. dense shrubs
 to 2ft, occ. *Xanthorrhoea* & acads, scattered
Triodia to 1ft. Goniaca australasicae.

527 Mallee Creek

24538. Pale brown gently undulating sand
Apotropis tricarinalata, *Cirphula pyrrhocnemis*
 with small-fruited bloodwood & occ.
 to 40ft

E. *Crebra* & a smooth-barked *Smallee* to 12 ft,
 with dense microphyllous shrubs to 2 ft,
 incl. *Thyptomene*, occ. *Xanthorrhoea*.
 Small *Umisia*.

551 Cleared from E. *Crebra* to 50ft, *C. huegelii*, &
Oedalus australis, *Cedarinca* sp. 4, *Moraba carissima*
 a wattle. Sandy pale brown soil, nearly
 flat. *Chloris acicularis* to 9 in, *Aristida*
 to 1 ft, occ. yellow *Helichrysum*, conical
 spiny *Solanum*. Frogg. *Pycnos. seriatum*.

568. Narrabin. Took Lucelwaa road.

571. Narrabin West.

575 Pale brown undulating sand cleared
Macrolophosia sp., *Oedalus australis*, *Umisia*
 from *Angophora intermedia*, *E. tessularis*,
Gutierrezia, *Phaulacridium vittatum*, *Zoniaca*
C. huegelii & *E. blakelyi* (C). *Helichrysum*
australasicum
apiculatum (?) & grasses. Heteropt., *Pycn. ser.*

Apotropis.

577 Cleared from brigalow, bulah, in lga, &
Austroicetes pusilla
E. pilligaensis to 40ft. Grey-brown &
 self-mulching soil w. *Chloris acicularis*,
C. truncata, & *Atriplex leptocarpa*. Oed.
 Turned round.

24582.

San Jacinto Mts., Riverside Co., Cal.
Arctostaphylos (small) (see no. 24581)

Locality, no. 1955 one. Apparently derived
 from *populifolia* & *umbellata* adjacent to
 white-trigloids.

580.

Arctostaphylos (small) (see no. 24581)

585.

Turned south on Comanchero road.

586.

E. side, common to left, with one triglo.
Arctostaphylos (small) (see no. 24581)

587.

White-trigloids on grey-brown compact
 soil with *Arctostaphylos* (small) (see no. 24581)

Oct. 1955

3/11.

24591

Arctostaphylos (small) (see no. 24581)

593.

Turned off to the Kapitan.

594.

White-trigloids to left. One triglo. from

595.

E. side of the mountain to left. Grey-brown ol.

596.

White-trigloids to left. Oct. *Arctostaphylos*

597.

Arctostaphylos, Plants with

621.

Corral Gorge. Turned off to the Kapitan.

622.

Dawson's Springs.

626

San Jacinto Mts., Riverside Co., Cal. Sheep slopes

627.

with *Arctostaphylos* (small) (see no. 24581) & rock exposures.

628.

E. paniculata & a one resembling *Arctostaphylos*

24796. *Delonix regia*.

207. In the lake, red-brown mud, brown & red
with 2 millimeters of black layer, a change
to Diaptomus in the middle of the lake. At 20 ft. mud
brown, at 20 ft. & 20 ft. & 20 ft. mud brown
at 20 ft. & 20 ft. & 20 ft. mud brown at 20 ft.
at 20 ft. & 20 ft. & 20 ft. mud brown at 20 ft.

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24848.

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167.

25230.

H. 24.

25231. *Staph. ...*25232. *Staph. ...*25233. *Staph. ...*25234. *Staph. ...*25235. *Staph. ...*25236. *Staph. ...*25237. *Staph. ...*25238. *Staph. ...*25239. *Staph. ...*25240. *Staph. ...*25241. *Staph. ...*25242. *Staph. ...*25243. *Staph. ...*25244. *Staph. ...*25245. *Staph. ...*25246. *Staph. ...*25247. *Staph. ...*25248. *Staph. ...*25249. *Staph. ...*25250. *Staph. ...*25251. *Staph. ...*25252. *Staph. ...*25253. *Staph. ...*25254. *Staph. ...*25255. *Staph. ...*

25320. Red Mangrove. Left on left hand road.

25321. *Delphinium* sp. *Delphinium* sp.
Delphinium sp. *Delphinium* sp.
 2 spp. of *Delphinium* sp. left. one *Delphinium* sp. *Delphinium* sp.
 1 *Delphinium* sp. *Delphinium* sp. left on left hand road.

25322. *Delphinium* sp. *Delphinium* sp. *Delphinium* sp.

25323. *Delphinium* sp. *Delphinium* sp.

25324. *Delphinium* sp.

10/11

25325. *Delphinium* sp. *Delphinium* sp. *Delphinium* sp.

25326. *Delphinium* sp. *Delphinium* sp. *Delphinium* sp.

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25392. Ellenborough.

413. *Tristania conferta* & c. to 150 ft w
Coptotettix gibbus, *C. quinquecarinatus*, *Paratettix*
rainforest bend in gully. Tetrigids on bare
argillaceus
 ground at roadside overhung by trees.
423. Stockyard Creek crossing
427. Mt. Seaview settlement.
444. Garrowitch P.O.
452. Stringybark & a gum to 50 ft w
Cryptoholothrus chrysophorus, *Paratettix argillaceus*
Themeda & *Poa australis*, occ. low shrubs
 & forbs, some bare ground & litter.
460. A peppermint to 15 ft, widely spaced
Tipurga clausa, *Pterala viridis*
 on rolling country w pale brown soil.
Themeda & *Poa densa* to 9 in, a little
Helichrysum apiculatum.
479. Walcha
480. Back on Post Macquarie road. Cemetery.
 Greatly modified. Nothing of interest.
481. Walcha
493. Walcha road.
494. A white-barked gum & *Angophora*
Phaulacridium vittatum (s.), *Apotopis bicarinata*,
intermedia to 25 ft, a patch of *Dumetia*
Kuysensis *marcida*, *Utricularia* sp., *Mofaba* sp. P104(?)
 sp. to 2 ft, *Themeda*, *Poa* & 2 spp. of *silvery*

Helichrysum, one being apiculatum.

Brachypa, Prax. (j.)

25513. Bendemeer.

514. Cemetery (c. 1 m N of town). Cleared
Moraba sp. 1104 (?) *Fipurga crassa*
 from a white-barked gum & *E. bridgeniana*
 dense,
 to 30 ft. *Thunbergia*, *Poa* 1 + 2 spp. of *Helichrysum*
~~dense~~

515. Bendemeer.

11/11. Tamworth cemetery no good.

556. Westdale.

562. Slope with brown soil bearing
Thunbergia *E. albens* to 40 ft. *Shipa variabilis*
 + *Danthonia*, occ. *Shipa verticillata*, some
 forbs. Oed, Phaul. with.

572. Gently undulating brown soil
Austroicetes pusilla, *Genus* nov. 2 sp. 1
 with puff & shelf somewhat elongated.
 Sparse heavily grazed pasture with tussocks
 of *Shipa aristiglumis*, *S. variabilis*,
 scattered forbs. Oed, Chor.

574. Somerton
Genus nov. 2 sp. 1, *Phaulacridium vittatum*,

583. *Thunbergia* from *E. albens* to 30 ft. on slope
Oedalgus australis, *Peakesia hospita*, *Sephanthus*
 with brown slightly self-mulching soil
quadricolus, *Fipurga crassa*, *Cedaria* sp. 4.

with *Stipa aristiglumis*, *S. variabilis*, &
miscellaneous forbs. Chot. Frogg.

25587. Carroll

596. Flat w. brown friable soil bearing
Yucca nov. 2 sp. 1.
E. populifolia to 40ft. *Stipa aristiglumis* &
S. variabilis (?) to 1ft, *Hordium liporinum* to 6 in,
Kochia microphylla to 18 in, *Passia* sp.
to 1ft, w patches bare ground. Dec.,
Chot.

600 Summedah.

610. Steep rocky hill w. *E. albescens* to 50ft,
Apotroxis tricarinata, *Troggattina australis*
E. dealbata & *C. huegelii* to 30ft, *Olearia*
sp. (?) to 6ft, *Helidryas* sp. to 1ft, grasses
to 1ft. Dec. Heteropt.

625. Mullalley.

640. *E. crebra*, small-fruited bloodwood,
Apotroxis tricarinata, *Cipchula pyrrohoenemis*, *Goniaca*
C. calcarata to 40ft, w wattles & *Cassinia*
carinata, *Moraba keyi*.
to 6ft, low shrubs incl. *Hibbertia* to 1ft,
Pomax umbellata (Sol. ex Gaertn.) Miq.
low forbs to 6 in, little, on rise with pale
brown soil. *Aristida* to 1ft. *Yucca* nov 95

Ochroa. *Moraba* on *Pomax*.

646 Rocky Glen.

25652. Much the same as last, with
Goniada carinata
Xanthorrhoea ~~scyph.~~

669. Coonahabran.